



The figure displays a series of sequence alignments for different protein variants, arranged in panels corresponding to amino acid positions from 1000 to 1600. Each panel contains sequences for 16 entries: 83561438.q, 83561443.q, 83561439.q, 40820017.q, 61030015.q, AK064556.q, 83511073.q, AK102255.q, AK099402.q, 19690008.q, 83594289.q, 70240015.q, 15226084.p, lir3_IRK, 2phk_PhK, and 1ias_TGFbR. The sequences are color-coded to show conservation: blue for conserved regions and red for divergent regions. The x-axis at the top of each panel indicates the amino acid position.

1800

1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1740 1750 1760 1770 1780 1790

83561438.q ...
83561443.q ...
83561439.q ...
40820017.q ...
61030015.q ...
AK064556.q ...
83511073.q ...
102255.q ...
AK099402.q ...
19690008.q ...
83594289.q ...
70240015.q ...
15226084.p ...
lir3_IRK
2phk_PhK
lias_TGFbR

1810 1820 1830 1840 1850 1860 1870 1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990

2000

1810 1820 1830 1840 1850 1860 1870 1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990

83561438.q ...
83561443.q ...
83561439.q ...
40820017.q ...
61030015.q ...
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83511073.q ...
102255.q ...
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19690008.q ...
83594289.q ...
70240015.q ...
15226084.p ...
lir3_IRK
2phk_PhK
lias_TGFbR

2010 2020 2030 2040 2050 2060 2070 2080 2090 2100 2110 2120 2130 2140 2150 2160 2170 2180 2190

2200

2010 2020 2030 2040 2050 2060 2070 2080 2090 2100 2110 2120 2130 2140 2150 2160 2170 2180 2190

83561438.q ...
83561443.q ...
83561439.q ...
40820017.q ...
61030015.q ...
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83594289.q ...
70240015.q ...
15226084.p ...
lir3_IRK
2phk_PhK
lias_TGFbR

2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2390

2400

2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2390

83561438.q ...
83561443.q ...
83561439.q ...
40820017.q ...
61030015.q ...
AK064556.q ...
83511073.q ...
102255.q ...
AK099402.q ...
19690008.q ...
83594289.q ...
70240015.q ...
15226084.p ...
lir3_IRK
2phk_PhK
lias_TGFbR

2410 2420

.....|.....|.....|.....|.....
83561438.q MPK.....
83561443.q HTYA.....
83561439.q PSESDIATELDLDSA.....
40820017.q ITWQERKDALSMAASNSKCFHCV.....
61030015.q LTQGASSGNTSDIGITL.....
AK064556.q HQL.....
83511073.q SLR.....
AK102255.q ELQGAGATNHQD1QIC.....
AK099402.q HVSNEGTSQ.....
19690008.q
83594289.q
70240015.q TVDYP.....
15226084.P
lir3_IRK VSFFHSEENK.....
2phk_PhK
lias_TGFbR IKM.....